



Boiler Controls Q&As

1. Can someone replace the drum water level gauges with a "magnetic type" level indicator on a Heat Recovery Steam Generator (HRSG). The HRSG is a three pressure level drum with high pressure operating at 2000 psi and 1050 F?

Answer: Owners should consult with and obtain approval from their insurance company inspector of record, who would be familiar with the equipment and operations. Compliance with ASME Section I requirements are necessary per SPS 341.

Review these sections:

- ASME Section I, PG 60.1 Requirements for water level indicators.
- ASME Section I, PG 60.2 Requirements for water columns
- ASME Section I, PG 60.3 Requirements for connections

2. Does SPS 341 require all single family installations to include a low water cut-off as do commercial projects?

Answer: Yes, in the Uniform Dwelling Code, SPS 323.04(3), it states boilers shall comply with SPS 341, the Boilers and Pressure Vessels Code.

3. Does Wisconsin allow automatic bottom blow down of low-pressure boilers?

Answer: SPS 341 does not address this situation. IS staff caution against the practice for safety reasons.